

APPENDIX C-2
APPLICATION OF HARRINGTON ET AL. CLAIMS TO THE
DISCLOSURE OF HARRINGTON ET AL. APPLICATION 09/159,643

Harrington et al. Claim 271

Harrington et al. Disclosure

A method to activate expression of an
endogenous gene in an isolated eukaryotic
cell comprising

Abstract
9:18
10:9-10
27:29-30
35:1-2
35:23-66
36:16-17
37:18-19
38:6-9

introducing a vector construct into said
isolated eukaryotic cell,

Figures 1-4
Detailed Description of the Figures 12:1-24
25:1-9
35:1-2

said vector construct comprising in
operable combination

Figures 1-4
Detailed Description of the Figures 12:1-24
9:24-25
19:13-24
28:25
29:17-30:2

1) a promoter;

27:10-11

2) an exon sequence located 3' from and
expressed by said promoter

Figures 1-4
19:13-24
20:23-23:4
28:25
29:8-10

said exon being derived from a naturally
occurring eukaryotic gene

Figure 1
28:25-29:16

and not being a screenable marker gene;
and

29:8-10
30:9-12
31:6-21
32:3-6

3) a splice donor sequence defining the 3' region of said exon	29:10-11
said splice donor sequence being derived from a naturally-occurring eukaryotic gene;	30:13-18
wherein said vector construct is non-homologously incorporated into the genome of a said isolated eukaryotic cell	13:12-14:1 16:15-17:7 30:21-23 27:12-14
and said splice donor sequence of the transcript encoded by said exon is spliced to a splice acceptor sequence of said endogenous gene.	30:19-27